Approved For Release 2004/05/05 : CIA-RDP78B05171A000600010061-6

The HPSC Coordinating Group met on 18 May 1970.

NPIC/TSSG/RED/SDB-023-70 21 May 1970

MEMORANDUM FOR THE RECORD

SUBJECT: High Precision Stereo Comparator Program

25X1	
	2. The following items were discussed:
25X1	a. The environmental black box has been delayed in shipment and has not arrived at the plant as of 18 May.
25X1	b. The optical system will be shipped on 21 May instead of 19 May. This delay is caused They must inspect each package and crate after packing and prior to final sealing.
25X1 25X1	c. The acceptance tests on the correlation system at are going very well. The testing is complete and the data is being run through a computer. This should be completed on 20 May test engineer, reports that
	the area pull-in range of the correlator is much better than was anticipated.
25X1 25X1	d. project manager, returned from on 15 May 1970.
25X1	e. stated that limiting the upper zoom range to 25x - 200x instead of 20x - 200x does not appear to create a serious problem since there is adequate coverage in the 10x to 100x range.

Declass Review by NIMA/DOD

GROUP 1
Excinded from automatic
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declarationalis

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	SUBJECT: High Precision	on Stereo Compa	rator Progr	am
				<i>p</i> •
25X1 25X1	f. monitor that for operational m	aterial.	has been a	phrovecc
25X1 25X1	g is i operational mater tance tests at material, it was tageous to get the August. It could his programs and on-the-training i	n the process of ial for use in	discussion it might b t to by	of this e advan- early debugging
	h. AID states stereo program of this will be read checkout the late	ted that they endine by the f neline by the f ned when we need ter part of Oct	it for the ober.	HPSC
25X1	i. The procession wit	ject monitor ha	d a telepho	one Mr.
25X1	very well and the range of reticle of 4 to 1 (previction 20% in the higher but overcome by and that distort fication at the	e only problem adjustment, 2. ously reported) r zoom range (r limiting the zoom had also er same 20X point.	areas were 5 to 1 ins 7; vignetti 9 oreviously 9 om from 25 8 ceeded the 6 distortion	in tead ng at reported) X to 200X speci- gave tests
25X1	the following reat \Box The than $\pm 2\%$ of the	e specification e edge and <u>+</u> 1%	at 2/3 of	field.
	Magnification	2/3	Edge	
	20 31 37 40 50 63	+1.55% +1.0 +0.8 +0.7 +0.45 +0.4	+3.25% +2.0 +1.5 +1.3 +0.8 +0.6	·

63

Distortion tests on the eyepiece alone produced the following figures. The eyepiece is 18mm in diameter.

25X1

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High Precision Stereo Comparator Program SUBJECT:

25X1

25X1 25X1

25X1

0+0.10	0 %	
Center	0	
1mm	0	
2mm	+0.13	
3mm	+0.2	
4mm	+0.3	
5mm	+ 0.39	
6mm	+ 0.5	
7mm	+ 0.6	
8mm	<u>-</u>	
on schedule. meeting the schedule. getting a good technic together. claims writers but could not There has not been any manuals since January. was required by contra	ot very optimistic about The main holdup is in al writer to put these items to have interviewed many find a satisfactory type. progress on the operation	25X1
k. AID requeste in the on-the-job pro This is tentatively s	d that be included grammer training at cheduled to start 12 August	25X1
	has notified that the 5	ange- 25X1
in-Scope to add an adcomputer has been appeared an additional half statement to the capture to t	has notified that the solutional 16K memory to the 5 proved. will have to provide cabinet to house this additional to house this additional to have to make provide located in close proximity ter cabinet. Logistics will ducts in the Clean Room to contact the contact of the clean room to contact the clean	ovide Ni- 25X1 Esions
	Technical Monicor	25X1

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25X1

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